

# Essential Skills Assessment

The purpose of the Essential Skills Assessment (ESA) is to measure your readiness to enter an electrical apprenticeship and to attend technical training. The skills tested include reading, document use and numeracy.

All questions are multiple-choice. The questions are grouped in to four sections.

## **Section 1: Math Foundations**

The first section tests basic math skills: whole numbers, decimals, integers, fractions, roots, powers, and algebra.

## **Section 2: Word Problems**

The second section tests more complex math skills and requires you to set up and solve math problems. Some problems require you to use information from tables and diagrams. Remember to show your work.

## **Section 3: Science**

The third section tests your knowledge of basic science concepts including simple machines, magnetism, common materials, work, power, and energy.

## **Section 4: Problem Sets**

The fourth section has questions which are grouped in problem sets. Each problem set asks questions relating to a workplace document. All the information you need to answer the questions is in the document. The documents include reading code and regulations, tables, drawings, and diagrams.

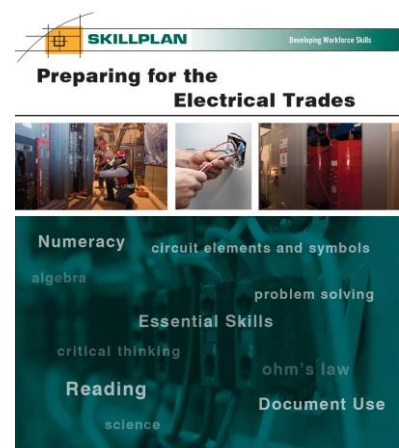
## **Preparing for the Assessment**

The best way to prepare for the assessment is to purchase the book titled “Preparing for the Electrical Trades” from SkillPlan.

Preparing for the Electrical Trades provides practice in reading/document use, numeracy and science skills. The prep guide reviews the following:

- basic math foundations
- setting up and solving word problems
- basic science concepts
- locating information in different types of documents

Detailed Answer Keys are included in the prep guide.



Click here to order: <https://www.skillplan.ca/tools-and-publications>

For a **20% discount** on the prep guide, mention the Electrical Apprentice Training Alliance or The Alliance when you order!